

DIN EN ISO 2409



ICS 87.040

Supersedes
DIN EN ISO 2409:2013-06

**Paints and varnishes –
Cross-cut test (ISO 2409:2020);
English version EN ISO 2409:2020,
English translation of DIN EN ISO 2409:2020-12**

Beschichtungsstoffe –
Gitterschnittprüfung (ISO 2409:2020);
Englische Fassung EN ISO 2409:2020,
Englische Übersetzung von DIN EN ISO 2409:2020-12

Peintures et vernis –
Essai de quadrillage (ISO 2409:2020);
Version anglaise EN ISO 2409:2020,
Traduction anglaise de DIN EN ISO 2409:2020-12

Document comprises 22 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (DIN EN ISO 2409:2020) has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” in collaboration with Technical Committee CEN/TC 139 “Paints and varnishes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Beschichtungsstoffe und Beschichtungen* (DIN Standards Committee Coatings and Coating Materials), Working Committee NA 002-00-07 AA “General test methods for coating materials and coatings”.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 1513	DIN EN ISO 1513
ISO 2808	DIN EN ISO 2808
ISO 4618	DIN EN ISO 4618
ISO 4624	DIN EN ISO 4624
ISO 13076	DIN EN ISO 13076
ISO 15528	DIN EN ISO 15528
ISO 16276-2	DIN EN ISO 16276-2

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN EN ISO 2409:2013-06 as follows:

- a) Clause 3 “Terms and definitions” has been included;
- b) Clause 4 “Principle” has been included;
- c) the general requirements for the use of single-cutting tools and multi-cutting tools in 5.2.1 have been updated;
- d) references to commercially available cutters have been deleted from 5.2.2.3;
- e) coating of the test panels has been deleted from Clause 7, because final test specimens are assumed;
- f) the text has been editorially revised, and normative references have been updated.

Previous editions

DIN 53151: 1955-05, 1965-10, 1970-12, 1981-05
DIN EN ISO 2409: 1994-10, 2007-08, 2013-06

National Annex NA
(informative)

Bibliography

DIN EN ISO 1513, *Paints and varnishes — Examination and preparation of test samples*

DIN EN ISO 2808, *Paints and varnishes — Determination of film thickness*

DIN EN ISO 4618, *Paints and varnishes — Terms and definitions*

DIN EN ISO 4624, *Paints and varnishes — Pull-off test for adhesion*

DIN EN ISO 13076, *Paints and varnishes — Lighting and procedure for visual assessments of coatings*

DIN EN ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*

DIN EN ISO 16276-2, *Corrosion protection of steel structures by protective paint systems — Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating — Part 2: Cross-cut testing and X-cut testing*

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